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Date: February 5, 2001	Name of Person Certifying: David W. Maher <i>David W. Maher</i>

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Applicant: Deborah KNUTZON, *et al.*

FEB 15 2001

Serial No.: 09/367, 013  
Filing Date: August 5, 1999

Examiner: N. NASHED  
Art Unit: 1652

TECH CENTER 1600/2900

Title: METHODS AND COMPOSITIONS FOR SYNTHESIS OF LONG CHAIN  
POLYUNSATURATED FATTY ACIDS

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Assistant Commissioner for Patents  
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**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES, MAILED OCTOBER 4, 2000, PAPER NO. 8**

Dear Sir:

Responsive to Examiner's Notice to Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed October 4, 2000, please enter the following amendments and remarks. A petition for a three-month extension of time and the requisite fee of \$890.00 is authorized from Deposit Account 50-1189.

AMENDMENTS

IN THE SPECIFICATION

Replace the Sequence Listing with the attached Sequence Listing.